

UNITED STATES PATENT AND TRADEMARK OFFICE  
**CERTIFICATE OF CORRECTION**

PATENT NO. : 6,822,793 B2  
APPLICATION NO. : 09/944593  
DATED : November 23, 2004  
INVENTOR(S) : Ping Xie and Yonglin Hang

Page 1 of 2

It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

Column 4

Line 55, change "orientation, for" to --orientation. For--

Column 5

Line 12, change "OTDR=s" to --OTDRs--

Column 12

Line 23, change "446" to --446B--

Line 49, change "-BBO" to -- $\alpha$ -BBO--

Column 13

Line 6, change "430C-D" to --430A-B--

Line 9, change "1008A-B" to --440A-B--

Line 26, change "446" to --446B--

Line 36, before "102" insert --enters--

Line 55, "446" to --446B--

Column 14

Line 45, change "1006" to --436--

Line 53, change "446" to --446B--

Column 15

Line 7, change "446" to --446B--

Column 16

Line 10, change "446" to --446B--

Line 27, change "446" to --446B--

Line 28, change "446" to --446B--

Column 17

Line 8, change "1006" to --436--

Line 17, change "446" to --446B--

Column 19

Line 23, change "8A" to --11A--

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It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

Column 21

Line 67, change "tumors" to --turners--

Column 22

Line 60, claim 8 change "alter" to --after--

Signed and Sealed this

Tenth Day of June, 2008

A handwritten signature in black ink, reading "Jon W. Dudas". The signature is stylized, with a large, looped initial "J" and a distinct "D" at the end.

JON W. DUDAS  
*Director of the United States Patent and Trademark Office*